

## TLS 350 (PMC) Alarm Troubleshooting Summary

Message (Definition)	Severity Level	Light Indicator	Suggested Troubleshooting
<b>VP RUNTIME FAULT</b> To notify that the <i>Processor</i> has continuously run for longer than 30 minutes	Warn after first 30-minute runtime	Yellow	<ul style="list-style-type: none"> <li>See the Troubleshooting Guide 9514-003 found at <a href="http://www.vsthose.com">www.vsthose.com</a></li> <li>TLS-350 PMC Variable setup Confirmation Procedure: Section 16</li> <li>TP-201.3 and EO-VR-203: Exhibit 4</li> <li>EO-VR-203: Exhibit 8</li> <li>EO-VR-203: Exhibit 9</li> <li>VST ASC Level C (Required certification level for troubleshooting the Processor)</li> </ul>
	Fail after 2 <sup>nd</sup> consecutive 30-minute runtime	Red	
<b>VP EMISSIONS</b> To notify when the mass emissions exceeds the defined threshold for the system	Warn on the first day	Yellow	<ul style="list-style-type: none"> <li>See the Troubleshooting Guide 9514-003 found at <a href="http://www.vsthose.com">www.vsthose.com</a></li> <li>TLS-350 PMC Variable setup Confirmation Procedure</li> <li>EO-VR-203: Exhibit 6</li> <li>EO-VR-203: Exhibit 9</li> <li>VST ASC Level C (Required certification level for troubleshooting the Processor)</li> </ul>
	Fail on consecutive days	Red	
<b>VP PRESSURE</b> To notify when 10% of the daily pressure-data is equal to or exceeds 1" WC.	Warn on the first day	Yellow	<ul style="list-style-type: none"> <li>See the Troubleshooting Guide 9514-003 found at <a href="http://www.vsthose.com">www.vsthose.com</a></li> <li>TLS-350 PMC Variable setup Confirmation Procedure</li> <li>EO-VR-203: Exhibit 8</li> <li>EO-VR-203: Exhibit 9</li> <li>VST ASC Level C (Required certification level for troubleshooting the Processor)</li> </ul>
	Fail on consecutive days	Red	
<b>VP DUTY CYCLE</b> To notify when the duty cycle exceeds 18 hours per day or 75% of a day	Warn on the first day	Yellow	<ul style="list-style-type: none"> <li>See the Troubleshooting Guide 9514-003 found at <a href="http://www.vsthose.com">www.vsthose.com</a></li> <li>TLS-350 PMC Variable setup Confirmation Procedure</li> <li>EO-VR-203: Exhibit 9</li> <li>EO-VR-203: Exhibit 8</li> <li>TP-201.3 and EO-VR-203: Exhibit 4</li> <li>VST ASC Level C (Required certification level for troubleshooting the Processor)</li> </ul>